

مجلس الأمن السيبراني  
CYBER SECURITY COUNCIL



**Security Updates-Adobe Products**

Tracking #:432316861

Date:12-02-2025

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## EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed adobe released security bulletins to address multiple vulnerabilities across various Adobe products, including Adobe Commerce, Adobe Illustrator, Adobe InCopy, Adobe InDesign, Adobe Photoshop Elements, and Adobe Substance 3D applications.

## TECHNICAL DETAILS:

Multiple vulnerabilities have been identified across various Adobe products, including Adobe Commerce, Adobe Illustrator, Adobe InCopy, Adobe InDesign, Adobe Photoshop Elements, and Adobe Substance 3D applications.

### Technical Summary:

The vulnerabilities span multiple categories such as:

#### Adobe Commerce:

- Incorrect Authorization (CVE-2025-24407, CVE-2025-24409, CVE-2025-24434, CVE-2025-24420, CVE-2025-24421, CVE-2025-24419)
- Information Exposure (CVE-2025-24408)
- Improper Access Control (CVE-2025-24411, CVE-2025-24422, CVE-2025-24423, CVE-2025-24435, CVE-2025-24436, CVE-2025-24437, CVE-2025-24424, CVE-2025-24426, CVE-2025-24427, CVE-2025-24429)
- Cross-site Scripting (CVE-2025-24410, CVE-2025-24412, CVE-2025-24438, CVE-2025-24413, CVE-2025-24414, CVE-2025-24415, CVE-2025-24416, CVE-2025-24417, CVE-2025-24428)
- Improper Limitation of a Pathname to a Restricted Directory ('Path Traversal') (CVE-2025-24406)
- Violation of Secure Design Principles (CVE-2025-24418)
- Business Logic Errors (CVE-2025-24425)
- Time-of-check Time-of-use (TOCTOU) Race Condition (CVE-2025-24430, CVE-2025-24432)

#### Adobe Illustrator:

- Use After Free (CVE-2025-21159)
- Integer Underflow (Wrap or Wraparound) (CVE-2025-21160)
- Stack-based Buffer Overflow (CVE-2025-21163)

#### Adobe InCopy:

- Integer Underflow (Wrap or Wraparound) (CVE-2025-21156)

#### Adobe InDesign:

- Out-of-bounds Write (CVE-2025-21157, CVE-2025-21121)
- Integer Underflow (Wrap or Wraparound) (CVE-2025-21158)
- Heap-based Buffer Overflow (CVE-2025-21123)
- Out-of-bounds Read (CVE-2025-21124)
- NULL Pointer Dereference (CVE-2025-21125)
- Improper Input Validation (CVE-2025-21126)

**Adobe Photoshop Elements:**

- Creation of Temporary File in Directory with Incorrect Permissions (CVE-2025-21162)

**Adobe Substance 3D Designer:**

- Out-of-bounds Write (CVE-2025-21161)

**Adobe Substance 3D Stager:**

- NULL Pointer Dereference (CVE-2025-21155)

**Affected Products and Versions:**

- Adobe Commerce: Versions 2.4.7-beta1, 2.4.7-p3, 2.4.6-p8, 2.4.5-p10, 2.4.4-p11, and earlier versions
- Adobe Illustrator: Versions 2025 (29.1), 2024 (28.7.3), and earlier versions
- Adobe InCopy: Versions 20.0, 19.5.1, and earlier versions
- Adobe InDesign: Versions ID20.0, ID19.5.1, and earlier versions
- Adobe Photoshop Elements: Version 2025.0
- Adobe Substance 3D Designer: Version 14.0.2 and earlier
- Adobe Substance 3D Stager: Version 3.1.0 and earlier
- Magento Open Source: Versions 2.4.7-beta1, 2.4.7-p3, and earlier versions

**RECOMMENDATIONS:**

- Install the latest patches provided by Adobe for all affected products.
- Refer to Adobe's Security Bulletin for update instructions.

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.

**REFERENCES:**

- <https://helpx.adobe.com/security/products/indesign/apsb25-01.html>
- <https://helpx.adobe.com/security/products/magento/apsb25-08.html>
- [https://helpx.adobe.com/security/products/substance3d\\_stager/apsb25-09.html](https://helpx.adobe.com/security/products/substance3d_stager/apsb25-09.html)
- <https://helpx.adobe.com/security/products/incopy/apsb25-10.html>
- <https://helpx.adobe.com/security/products/illustrator/apsb25-11.html>
- [https://helpx.adobe.com/security/products/substance3d\\_designer/apsb25-12.html](https://helpx.adobe.com/security/products/substance3d_designer/apsb25-12.html)
- [https://helpx.adobe.com/security/products/photoshop\\_elements/apsb25-13.html](https://helpx.adobe.com/security/products/photoshop_elements/apsb25-13.html)